

USEFUL DEVICES WITH PATENTS.

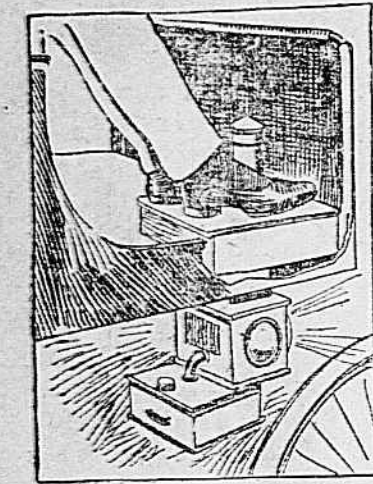
Some New Inventions Which are Worth Knowing About.

The illustration shows the combined carriage lamp and foot warmer recently patented by John B. Bartholomew, of Detroit, Mich., for use in cold weather. The object of the invention is to provide simple and effective means by which a continued warmth at little expense may be supplied to the feet of the occupant of the vehicle, and in which the arrangement is such as to provide a light whose rays may be directed on the road in advance of the team. This object is attained by mounting the lamp proper directly underneath the body of the vehicle, with the oil reservoir located below and at the rear of the lamp. Leading from the reservoir to the lamp is a curved tube containing the feed wick, and in line with the blaze is the glass bulb, through which the rays are emitted. Directly over the flame is a vertical tube, leading to a warming chamber contained inside the body of the wagon, and a passage for smoke is formed by a continuation of the pipe. It can be readily



CHEAP GRAIN-SOWING APPARATUS.

as illustrated above. It consists of a cloth sack suspended from the shoulder and provided at its single corner with a funnel leading into the distributing tube. The funnel has an internal gate to limit the amount of grain passing through. In the outer end of the tube is arranged a series of deflecting fingers, which aid materially in the distribution of the grain, which is accomplished by swinging the tube from side to side while held in a slanting position, the grain falling toward the outlet as long as the end is held downward and the gate left open. Owing to the length of the tube the area covered at each swing is considerably greater than could be seeded by hand.



COMBINED CARRIAGE LAMP AND FOOT-ARMER.

understood that if the wick is ignited, and the feet are placed over the warming chamber and covered with a robe, they will be perfectly comfortable themselves, and also aid greatly in the circulation of blood through other portions of the body.

Electric Time Alarm.

When the bell of an ordinary alarm clock begins to ring the sleeper is apt to wake up sufficiently to think it will stop soon, and as he is not compelled to arise and stop it, the result is often another nap, with its consequent delays throughout the day. This objection has led to the designing of the continuous-ringing alarm, of which several are already in use. The electric alarm, which we show in the accompanying illustration, has just been patented by Simon Wolf, of Essen, Germany, and has at least one novelty to recommend it. It is directly connected with the bed, and it is impossible for the sleeper to stop it until he gets up to stay. The alarm in the bed is a series of contact points, one of

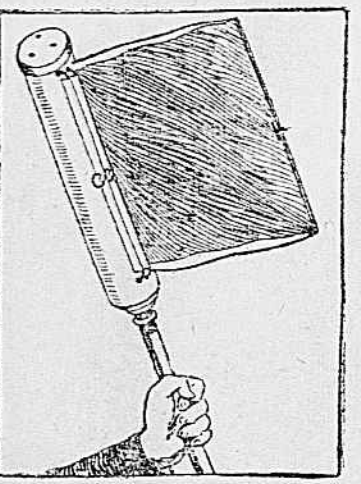


DOUBLE-HOOK AUTOMATIC GAFF.

together by coiled springs contained in the casing, fixing themselves in the fish. To prevent the fish forcing the hooks out a ratchet is attached to lock them shut.

Keeps the Flags Clean.

As at present used a railroad signal flag usually consists of a piece of colored bunting secured to an ordinary wooden staff, and when such a flag has been used the flagman wraps the bunting around the staff and throws it down in any convenient place. These flags soon become worn and discolored to such an extent that they must be replaced. Harry E. Beaver, of Augusta, Ga., has recently designed a device which will protect the flag from dirt, and may also be adapted for the house of several different colored flags for showing different signals. The picture illustrates the idea almost



TRIPLE SIGNAL FLAG CASING.

which is shown in the picture, the weight of the person forcing them together. A clock is used in connection with the apparatus, and as the hour of rising is indicated the remaining opening or break in the wire is closed, the current passing through the contact points underneath the bed and causing the bell to ring continuously until the sleeper, by pulling the bell, breaks the circuit. Should he lie down again the circuit is again completed and the bell rings until the second rising.

New Canadian Seeding Device.

The sowing of grass and other fine grain evenly is a difficult task when attempted by hand, and most of the patent sowers offered for sale are too costly for the average farmer to invest in, especially when it is taken into consideration that the sower will only be used once or twice a year. With the idea of providing a cheap and simple apparatus which shall sow the seed rapidly and evenly N. B. Thompson, of St. Louis, Mo., has designed the apparatus

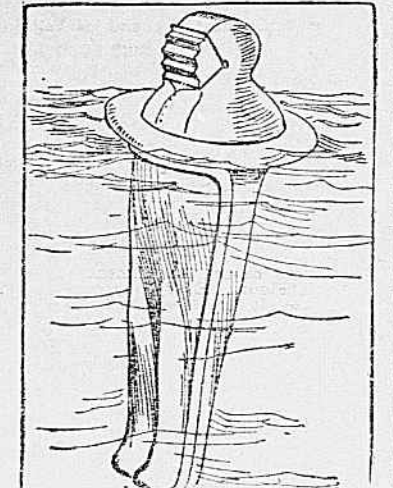


TRIPLE SIGNAL FLAG CASING.

better than words can explain it. The apparatus is simply a metallic tube containing several spring-controlled rollers on which the flags are wound. When a certain signal is to be given the corresponding flag is pulled out by grasping the projecting ring. After showing the desired signal the flag is pulled out a short distance to release the automatic catch and returns to the casing in the same manner that a curtain is rolled up. A device of this kind could be permanently attached to a car or placed in front of the station where orders are transmitted to trainmen, thus having the desired flag always ready for immediate use.

Improvement in Life Preservers.

The picture shows a rather novel form of life-saving suit which has just been patented by Ellis M. Leary, of Denver, Col., and which is intended to preserve the life of a wrecked passenger for several days if need be. The suit may be made of rubber or other waterproof material, and is provided with a number of pockets for the storage of provisions, etc. A large float ring is formed of cork rings covered with canvas, and the portion of the suit below this is entirely water-proof. Above the float ring the opening through which access is gained to the interior, there being room inside for the wearer to move comfortably. The opening is through the buttoned cloak in front, and to facilitate entrance the visor of the helmet is thrown back. The visor is intended to be closed only in cold or rough weather, and in calm weather the capes can be thrown back to allow movement of the arms. In addition to the pockets for provisions are provided with matches and a tiny stove which serves to give a signal at night. In addition to its ordinary uses, the air channels in the less can be pumped full of air by a small bulb conveniently placed, when the suit will fill on its back and allow the person

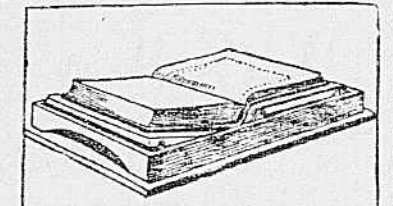


WESTERN MAN'S LIFE-SAVING SUIT.

some measure of rest in calm weather. The chances of preserving life until a rescue is effected seem to be much greater with this suit than with the ordinary circular float, which does not protect the wearer from either wind or water.

Saves the Book Cover.

In the illustration is shown an adjustable book rest for supporting heavy books in a convenient position without undue strain on the covers and without compelling the reader to hold the book in his hands. It consists of a flat base board, to which is attached a rectangular frame. In each corner of this frame is pivoted a long metal bar, and in the center of the long sides are two more bars, the latter being pivoted also to the inner ends of two leaves, as shown in the cut. The outer ends of the leaves are supported by the corner bars, which allow the leaves to tilt up and freely. The book may be placed on either side and when opened half the cover will be on one side of the rest. The leaves of the book are turned, the weight is distributed to the second support, forcing it gradually down and pre-



AUTOMATIC ADJUSTING BOOK SUPPORT.

serving the exposed pages of the book in substantially the same plane. In this manner the device is automatic, and wherever the book may be opened the pages will be held in the proper position. Edward Carl Paval, of Urbana, Ill., is the inventor.

State of Ohio, City of Toledo, Lucas County—ss.

FRANK J. CHENEY makes oath that he is the senior partner of the firm of F. J. CHENEY & CO., doing business in the city of Toledo, county and State aforesaid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of CATARRH that cannot be cured by the use of HALL'S CATARRH CURE.

Sworn to before me and subscribed in my presence, this 6th day of December, A. D. 1899.

A. W. GLEASON, Notary Public.

Hall's Catarrh Cure is taken internally and acts directly on the blood and mucous surfaces of the system. Send for testimonials, free.

F. J. CHENEY & CO., Toledo, O.
Sold by Druggists, 75c.
Hall's Family Pills are the best.

CASTORIA

For Infants and Children.

The Kind You Have Always Bought

Bears the Signature of *Wm. D. Galt*

CHASE BROTHERS' PIANOS

at Geo. A. Minor's, 603 East Broad Street.

CASTORIA

The Kind You Have Always Bought

Bears the Signature of *Wm. D. Galt*

CHASE BROTHERS' PIANOS

at Geo. A. Minor's, 603 East Broad Street.

CASTORIA

The Kind You Have Always Bought

Bears the Signature of *Wm. D. Galt*

CHASE BROTHERS' PIANOS

at Geo. A. Minor's, 603 East Broad Street.

CASTORIA

The Kind You Have Always Bought

Bears the Signature of *Wm. D. Galt*

CHASE BROTHERS' PIANOS

at Geo. A. Minor's, 603 East Broad Street.

CASTORIA

The Kind You Have Always Bought

Bears the Signature of *Wm. D. Galt*

CHASE BROTHERS' PIANOS

at Geo. A. Minor's, 603 East Broad Street.

CASTORIA

The Kind You Have Always Bought

Bears the Signature of *Wm. D. Galt*

CHASE BROTHERS' PIANOS

at Geo. A. Minor's, 603 East Broad Street.

CASTORIA

The Kind You Have Always Bought

Bears the Signature of *Wm. D. Galt*

CHASE BROTHERS' PIANOS

at Geo. A. Minor's, 603 East Broad Street.

FRESH GOSSIP FROM GOTHAM

"Prince Clarry" Has Discontinued His Divorce Suit.

A PASSENGER WITH A MYSTERY.

There is Probability of the Dream of a Four-day Ocean Liner Being Realized—Shaper, Who Had Hoodwinked Banks, Caught.

NEW YORK, Nov. 10.—The Clarence LeMay

Couins, a wealthy dry goods commission merchant, formerly known by the title of "Prince Clarry," has discontinued the action which he brought several months ago for a divorce from his wife, Katharine. A divorce suit was filed in the Supreme Court in New York City, and was a prima donna connected with the Metropolitan Opera Company. Mr. Couins' first wife was Miss Louise Clark, a grand-daughter of the late Commodore Cornelius Vanderbilt. A daughter by that marriage, Katharine, was a well-known singer at the Metropolitan. She was married to Mr. Couins, who was connected with the Turkish legation, and the marriage was performed in Paris. The Couins married a large fortune, the estate of Commodore Vanderbilt. When Mr. Couins brought this suit against his wife he alleged misconduct on her part, mentioning the names of an opera, and others in Germany, between 1898 and the present year. Mrs. Couins refused these allegations, and in anticipation that a great deal of evidence would have to be taken abroad in her defense, her counsel, A. H. Hume, was awarded a counsel fee of \$50,000 and alimony was awarded her for a month during the pendency of the action.

Counsel for the parties to the suit were retained yesterday when inquiry was made as to the cause of the discontinuance of the action. Archibald H. Clarry, representing Mr. Couins, refused to talk, and Mr. Hume said he was not at liberty to discuss his client's affairs or to say what had been done between the parties.

SIR GALAHAD.

Sir Galahad McKenna, whose other name is Joseph McKenna, was seen on Wednesday night last to rescue a woman from the third story window of the Lorretto house, which is attached to the House of the Good Shepherd.

The mother of young McKenna, for he is only twenty-two years old, was quoted as saying that the woman was Mrs. Mary McGowan, the wife of Patrick P. McGowan, who lives at No. 224 East Twelfth street. Mr. McGowan is also a member of the House of Education.

Lorretto house is a branch of the House of the Good Shepherd and it is devoted to the care of women addicted to the drama. It is in East Nineteenth street, near the East River. The buildings are surrounded by a fence about ten feet high.

McKenna, for it was he, said that he was seeking shelter. The policeman watched him, and saw a note lowered on a string from a window of the house. McKenna seized it and the policeman seized McKenna. The note was as follows: "McKenna to get out tonight, but will be ready to get out next Saturday. Come back on that night at half-past ten o'clock. If everything is all right I will have two ladies in the window. If anything is wrong I shall appear only one."

After McKenna was found lying on the step, was an answer to the note. The leaves of the book are turned, the weight is distributed to the second support, forcing it gradually down and pre-

McKenna was taken to the police station. He was arraigned on Thursday morning and the hearing was postponed until yesterday. Judge Corbett said that he did not see that McKenna had committed any offense and discharged him.

MYSTERIOUS PASSENGER.

Among the passengers who arrived here on the steamer Surf last night was a young woman, tall and slender, of attractive appearance, who moved in an atmosphere of mystery and excited a great deal of attention. She was registered on the passenger list as "Mrs. C. Drexel," but in her customs declaration gave her name as Mrs. Constance Drexel Biddle, and her address as No. 204 Chestnut street, Philadelphia. She is thought to be the wife of Clement Biddle, who served as a surgeon on the battleship Texas and allied to the Biddle family of Philadelphia, whose social rank is high.

Mrs. Constance Biddle was at one time engaged in suing her husband for divorce, and was to have married General Mark, who died in Switzerland last February. It is thought that the arrival of yesterday's mysterious passenger on the Germanic may have had something to do with a lawsuit.

Whatever her plans were, she refused to discuss them, beyond saying that she was too late to get a train she had expected to take, and therefore, would not go to Philadelphia. The Germanic did not reach her port until nearly 2 o'clock. Mrs. Biddle, if that is her name, was one of the first passengers to come down the gangplank.

She is dark haired and rather pale. She wore a long tan traveling coat, and a jaunty hat set well forward on her head. After leaving the vessel she rushed for the pier entrance, but was intercepted by the customs inspector, to whom she explained that she must reach a telegraph office.

FLORISHED A PAPER. She was allowed to go into a telegraph office just outside the gate of the pier, and when she left that office—where, indeed, she did not send a dispatch—she immediately called a cab and prepared to drive away.

Two well-dressed men now made their entrance into the comedy, which was attracting the bystanders, and the strangers speedily thickened the plot. They had been following the woman at a distance, and they now stepped up to the cab. After she had entered it, they kept the door open and prevented it from going on. One of them flourished a piece of paper in her face. It looked like a bill or a legal document.

After some hesitation and further argument the man who had the paper got into the cab with Mrs. Biddle and they drove away, while the other man went back and guarded the passenger's baggage. When he was asked to explain the pantomime he said:

IF YOU PREFER TO PAY CASH, WE ISSUE COUPONS REDEEMABLE FOR 5 PER CENT. OF YOUR PURCHASE.

Our prices are moderate, but we give you as good as the best in quality, style and fit.

Our cutter is a man of experience and taste, and has no superior in this section.

We invite you to call.

CONSTABLE BROTHERS,

907 East Main Street.

CONSTABLE BROTHERS.

There is no branch of our business in which we take more pride than in our

Tailoring Department.

Our prices are moderate, but we give you as good as the best in quality, style and fit.

CONSTABLE BROTHERS,

907 East Main Street.

Jewels for the Bride.

There are few jewels which rival the Diamond Sunburst in glorious effect—its sparkling magnificence will duplicate the brilliancy of the rising sun! In our Diamond Pendant stock you will see a variety of styles mounted in gold and platinum, at purse-pleasing prices. You are welcome to come in and enjoy them.

C. Lumsden & Son,
731 E. Main Street.

Sydnor & Hundley's Show Windows?

Why Does a Chicken Cross the Street?
TO GET OVER ON THE OTHER SIDE.

Why do the Surging Crowds on Broad Street gaze in on
Sydnor & Hundley's Show Windows?
Because they are panoramic views of a collection of beautiful
FURNITURE NOVELTIES,
giving you only a faint idea of their lovely stock within. The assortment to be found here just now is the finest in the South, and each day adds some new and novel attraction.

SYDNOR & HUNDLEY,
Leaders. 711 and 713 East Broad Street.

EWIG, New Era Tailor,

NEW BUILDING,
615 EAST MAIN ST.,
Above 7th.

The best in the Tailoring Art at Reasonable Prices.

EWIG, DRAPER & TAILOR

NEW BUILDING,
615 EAST MAIN ST.,
Above 7th.

The best in the Tailoring Art at Reasonable Prices.

ANNUAL NATIONAL HORSE SHOW.

New York, Nov. 19th to 24th.

The Old Dominion Steamship Company takes pleasure in announcing that its seventh annual personally conducted excursion from Richmond to New York is the time of the national horse show, is the time of the national horse show, is the time of the national horse show.

Early departure on Nov. 19th via the Chesapeake and Ohio Railway, or by Richmond and Potomac River, or by the Washington and Annapolis Railway, or by the Washington and Annapolis Railway, or by the Washington and Annapolis Railway.

Special rates will be offered on the Old Dominion line at Norfolk, and arriving at New York on the 24th. The fare will be \$1.00, and the return fare will be \$1.00.

Return to Richmond can be made any day within the limit of return limit of ten days. It is good going and returning over same route only.

One way fare, \$1.00, limited to continuous passage.

Tickets to be sold SATURDAY, November 17th, and limited to continuous passage in both directions.

The above rates include meals and station-room accommodations on Old Dominion steamers.

Special rates have been secured for the party at hotels on both American and European plans. As New York is always crowded during Horse Show week, early application should be made to secure good accommodation on steamer and at hotels.

JOHN F. MAYER,
Agent.

Hammond Typewriter.

This is the finest writing machine in the world and is a PERFECT MANIFOLDER.

We desire to prove this, and shall be glad to have you call or write for full information.

JOHN F. MAYER,
Agent.

The Bell Book and Stationery Co.,

214 East Main Street,
RICHMOND, - VA.

for acceptable ideas. State if patented. THE PATENT RECORD, Baltimore, Md.

Error is Not

The Better for Being Common,
Nor Truth the Worse for Having Been Neglected.

It is an error to suppose that common furniture is a good investment. It is still a greater error to suppose that high-priced furniture is a necessity for the proper ornamentation of a home.

We sell nothing common, nothing very high priced, and are thereby enabled to show the most complete line of reasonable priced furniture in the city.

We Sell Stoves, Too,
And Guarantee Every One.

CASH OR CREDIT

Ryan, Smith & Talman,
609 East Broad Street,
Between 6th and 7th.